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NORTHAMPTON RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

- OF THE -

MEDICAL OFFICER OF HEALTH

- AND THE -

CHIEF PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1 9 6 0

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NORTHAMPTON RURAL DISTRICT COUNCIL

A N N U A L R E P O R T

- O F T H E -

M E D I C A L O F F I C E R O F H E A L T H

F O R T H E Y E A R

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To the Chairman and Members of Northampton R.D.C.

Ladies and Gentlemen,

Once more I have the honour to present the Annual Report of myself and Mr. Miller for the year 1960.

The statistics agree generally with those of the rest of the County, as do the cases of infectious disease. No cases of Poliomyelitis were notified although one death was attributed to this cause. One hopes the immunisation campaign is now bearing fruit although the percentage is still far too low of those who should be immunised against Poliomyelitis.

It is pleasant to see that the older Council Houses are being gradually modernised and also that private owners are taking advantage of grants for improvement of their houses.

It is with regret that one notes there are still 409 pail closets in this area which has spent so much on proper sewage schemes. This, however, is an improvement since 1950 when there were 1,905 pail closets.

The health of the District in general has been good and with all the villages now sewered and supplied with water there is no reason why the inhabitants should not remain in good health.

I am,

Your obedient Servant,

ARTHUR LUCAS.

Medical Officer of Health.

SECTION A.

SUMMARY OF VITAL STATISTICS, 1960.

Area (acres)	50,010
Population (estimated at mid-year 1960)	26,560
Number of inhabited houses (at 31st March, 1961) according to rate books	8,834
Rateable Value (31st December, 1960)	£367,669
Product of ld. rate 1960/1961 (Actual)	£1,478. 2s. 1d.

DEATHS (after adjustment for outward and inward transferable deaths).

	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Rate per 1,000 of population</u>
All causes	314	154	160	11.8

The following table shows the death rates for the quinquennium 1956-1960, together with the corresponding rates for England and Wales and the Administrative County: -

Death Rates 1956-1960.

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	12.4	13.6	11.7	11.1	11.8
Administrative County	11.24	10.97	11.1	10.77	10.88
England and Wales	11.3	13.4	11.7	11.1	12.5

The history of the rate, together with other vital statistics for the years 1940-1960 is shown on Table (i) on page 16.

During the year the principal causes of death were those in the heart disease categories, Table (ii) on page 17 gives details of causes of death.

LIVE BIRTHS.

	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Rate (per 1,000 of population).</u>
Legitimate	466	249	217	
Illegitimate	10	6	4	
	476	255	221	17.9

The following table shows the trend of the birth rate for the years 1956-1960 with other rates for comparison: -

Crude Birth Rates 1956-1960

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	18.6	20.0	20.3	19.1	17.9
Administrative County	16.67	17.03	16.95	16.6	17.7
England and Wales	14.6	15.4	16.4	15.2	17.1

ILLEGITIMATE BIRTH RATE.

Ten illegitimate live births were registered, giving a rate of 2.1 per cent of the total live births, as compared with 2.2 per cent. in 1959.

STILLBIRTHS.

	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Rate (per 1,000 total live and stillbirths.)</u>
Legitimate	13	9	4	
Illegitimate	-	-	-	
	13	9	4	26.6

STILLBIRTH RATES 1956-1960.

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	9.11	12.1	22.8	25.3	26.5
Administrative County	18.25	18.80	22.16	19.2	16.32
England and Wales	23.0	22.4	21.6	20.2	19.7

TOTAL BIRTHS.

The total live and still births registered in the District was 489 as compared with 513 in 1959.

INFANT DEATHS.

The number of infants who died before attaining their first birthday was 12 (7 male - 5 female - all legitimate).

INFANT MORTALITY RATES.Total infant deaths per 1,000 total live births.

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	18.3	22.6	29.1	24.0	25.2
Administrative County	19.68	22.53	19.7	20.2	22.57
England and Wales	23.9	24.8	22.5	22.6	21.7

Legitimate infant deaths per 1,000 legitimate live births.

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	19.05	23.06	29.82	24.54	25.8
Administrative County	19.67	21.95	20.11	20.43	22.53

Illegitimate infant deaths per 1,000 illegitimate live births.

	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	-	-	-	-	-
Administrative County	19.90	36.20	10.75	15.8	23.47

NEO-NATAL MORTALITY RATE (Deaths under 4 weeks per 1,000 total live births).

Eight deaths of infants under 4 weeks of age were assigned to the District, giving a neo-natal mortality rate of 16.8.

EARLY NEO-NATAL MORTALITY RATE (Deaths under 1 week per 1,000 total live births).

Six deaths of infants under 1 week were assigned to the District, giving an early neo-natal mortality rate of 12.6.

PERINATAL MORTALITY RATE (Stillbirths and deaths under 1 week combined per 1,000 total live and still births).

The figures quoted above give a perinatal mortality rate of 38.9.

MATERNAL MORTALITY (Including abortion).

There were no deaths under this heading assigned to the District.

SECTION B.

1. General Provisions of Health Services.

Medical Officer of Health	A. Lucas, L.R.C.P. L.R.C.S., L.R.F.P.S., D.P.H.
Chief Public Health Inspector	R. J. Miller, L.I.M.S., M.R.S.H.
Additional Public Health Inspectors	M. Merriman, M.A.P.H.I., M.R.S.H. T. A. Harris, M.A.P.H.I., M.R.S.H.

2. Laboratory Facilities.

The bacteriological work associated with the Public Health Department is carried out by the Public Health Laboratory Service whose laboratory, in charge of which is Dr. C. Hoyle, is situated at the Northampton General Hospital. The bacteriological examination of water samples, milk samples and ice-cream samples is also carried out by Dr. Hoyle.

3. Diphtheria Antitoxin.

A supply of antitoxin is always available for use in the District by applying to the dispenser at the Northampton General Hospital. Poliomyelitis vaccine can be obtained from the Public Health Department, County Hall, Guildhall Road, Northampton.

4. Treatment Centres and Clinics.

Child Welfare Centres provided by the County Council, are held at Duston, Hackleton, Kislingbury, Weston Favell, Roade and Yardley Hastings.

An Antenatal clinic, also provided by the County Council, is available at the County Hall, Northampton.

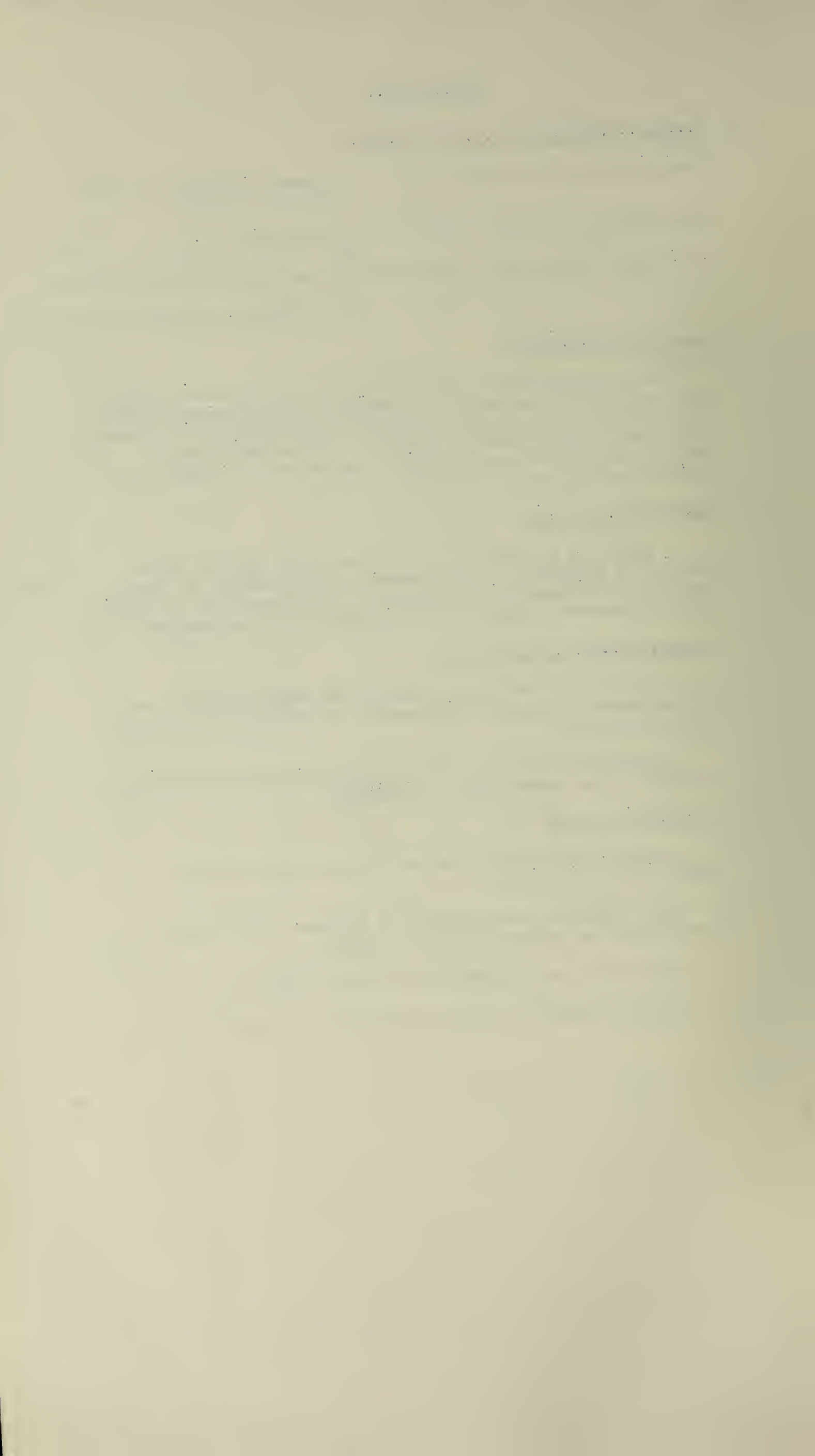
5. Tuberculosis Survey.

A further Mass Radiography survey was carried out at a factory in the district.

2,129 employees were examined, a response of 62% and of these 200 had not previously been examined.

Three cases were referred to the Chest Clinic.

Reference should be made to Table (iii) on page 18 .



SECTION C.

Sanitary Circumstances of the Area.

1. Water.

Again I have to record that the main Public Water Supply is not yet available for Castle Ashby, the only parish in the district without this service. The existing supply has been taken over by the Mid-Northamptonshire Water Board, and it is hoped that connection will be made to the main supply before long. In the meantime the Castle Ashby supply is systematically chlorinated.

At present there are eleven known public wells. Of these three have pumps in working order. Most of the wells are polluted.

Water sampling for bacteriological analysis is set out in Table (xi) on page 27.

2. Rivers and Streams.

No significant pollution of rivers or streams was detected during the year.

3. Sanitation.

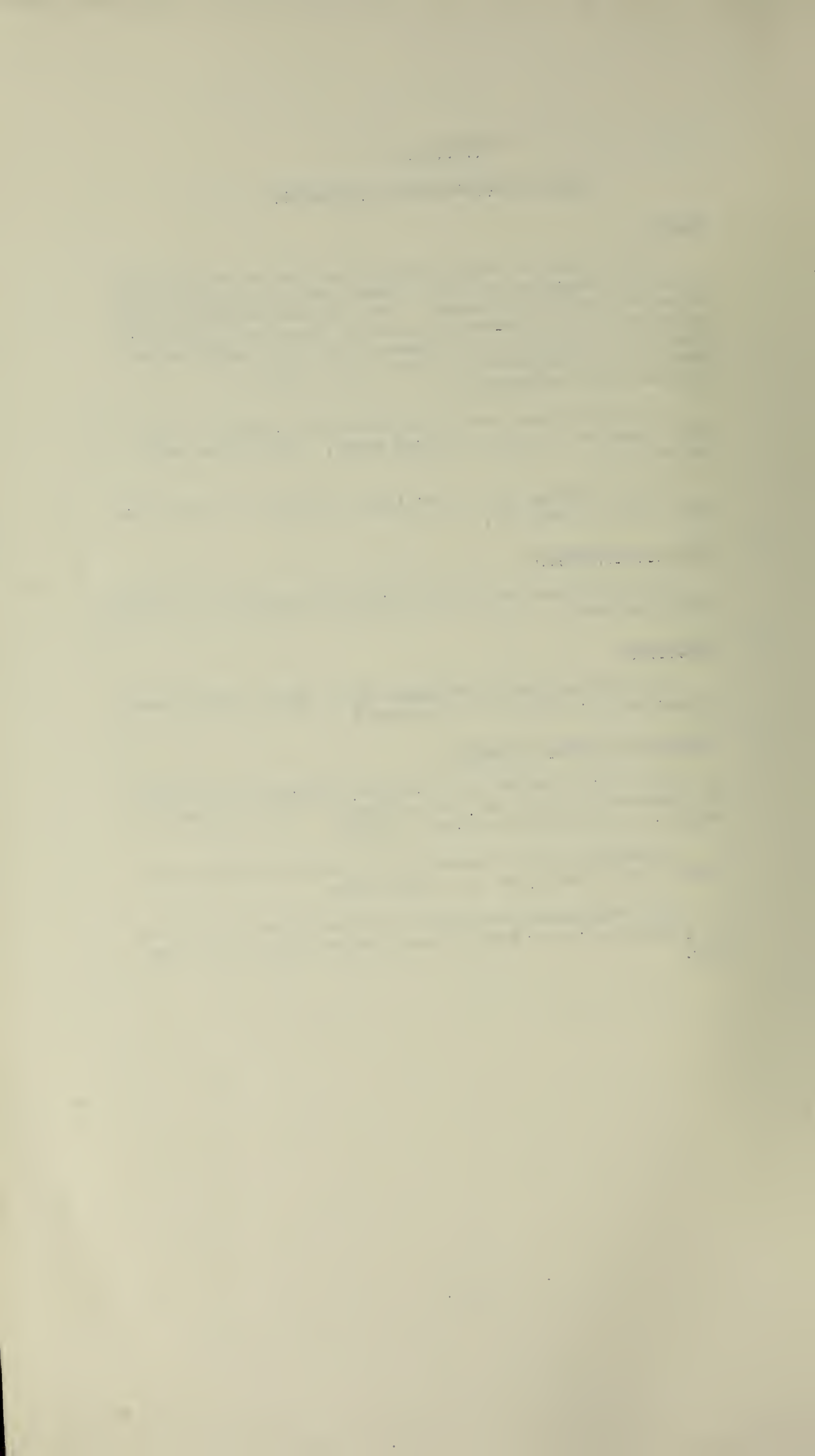
For further details, reference may be made to the Schedule of Sanitation in Table (xv) on page 31.

4. Sewerage and Sewage Disposal.

The combined scheme for Hackleton, Piddington and Horton was completed by May, 1960, and a disposal works for Castle Ashby was operational by December, 1960.

In addition a sewer connection was made from Booth Lane South, Weston Favell, to the Valley Sewer.

All arrangements were made for Contract Work to start on the reconstruction of Roade Sewage Disposal Works in the new year.



SECTION D.

Inspection and Supervision of Food.

1. Milk Supply.

Particulars of persons registerable under the Food and Drugs Act, 1955, and the Milk Regulations can be found on page 12.

2. Food Premises.

Visits for the supervision of food premises were made as often as the pressure of other duties permitted. A summary of the food premises can be found on page 23 and 24.

3. Food Poisoning Outbreaks.

There were three single cases of food poisoning during the year. In one case only was the organism identifiable and that as Salmonella Heidelberg.

Further details can be found in Table (xiii) on page 29.

4. Meat Inspection.

The number of slaughterhouses licenced remains at eight although one of the smaller butchers ceased operation during the year.

100% inspection was again maintained of all food animals slaughtered within the district.

Prevalence of, and Control over Infectious and Other Diseases.1. Smallpox.

No case was notified during the year, as was so in 1959.

2. Scarlet Fever.

Twenty-six cases (12 male, 14 female) were notified during the year, as compared with forty-five during 1959. All the cases appeared to be of a mild clinical type.

3. Diphtheria.

No case of diphtheria was notified during the year.

4. Puerperal Pyrexia.

No case was notified under the Puerperal Pyrexia Regulations, 1939, in the year under review, as was so in 1959.

5. Pneumonia.

Twenty cases (11 male, 9 female) of acute primary pneumonia or acute influenzal pneumonia were notified, as compared with twenty-five in 1959. Pneumonia was the certified cause of death in 17 cases. These deaths are not necessarily those of patients who were notified under the relevant regulations.

6. Erysipelas.

Five cases (3 male, 2 female) were notified, compared with eight in 1959.

7. Measles.

Five cases (2 male, 3 female) were notified during the year, as compared with one hundred and seventy three in 1959. There were no deaths.

8. Whooping Cough.

Thirty-four cases (12 male, 22 female) were notified, as compared with thirty-seven in 1959. There were no deaths.

9. Acute Poliomyelitis (Infantile Paralysis).

No case was notified during the year, as was so in 1959. There was one death attributed to poliomyelitis which was not notified as such.

10. Acute Encephalitis (Infective).

No case was notified during the year, compared with one case in 1959.

11. Dysentery (Some).

Seventeen cases (8 male, 9 female) were notified during the year, as compared with forty-four in 1959.

12. Cerebro Spinal Fever.

Again no case was notified during the year.

13. Food Poisoning.

Three cases (2 male, 1 female) were notified during the year, as compared with four in 1959. Reference may be made to Table (xiii) on page 29. .

Prevalence of, and Control over, Infectious and other Diseases
(continued).

14. Tuberculosis.

Six new cases of tuberculosis (5 male, 1 female) were notified during the year - four being respiratory - as compared with ten cases - eight respiratory - in 1959.

There were no deaths from tuberculosis during the year.

The age and sex incidence of the new cases and deaths from the disease are given in Table (iii) on page 18 .

The corrected number of deaths, together with the crude death rate during the quinquennium 1956 - 1960, and those for the administrative county are as follows: -

	<u>Tuberculosis Mortality</u>				
	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>
Northampton R.D.	0.26	0.12	0.14	0.11	Nil
Administrative County	0.09	0.06	0.09	0.07	0.05

No action was taken during 1958 under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

15. National Assistance Act, 1948.

No action was taken under Section 47 or under Section 50 of the Act.

I am, Ladies and Gentlemen,

Your obedient Servant,

A. LUCAS.

Medical Officer of Health.

September, 1961.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1960.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my Annual Report for the year 1960, being the thirtieth, I have had the honour to present.

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1. Staff - Administrative

Chief of Department	-	R. J. Miller, A.I.A.S., M.R.S.H., Registered Architect.
Public Health Inspectors	-	M. Merriman, M.A.P.H.I., M.R.S.H.
	-	T. A. Harris, M.A.P.H.I., M.R.S.H.
Chief Clerk	-	R. S. Haynes.
Clerk	-	N. Clements.

2. Staff - Outdoor

Rodent Operative	-	1
Sewage Disposal	-	(Labourers) 8
Refuse Disposal	-	(Drivers 3
	-	(Loaders) 6
	-	(Labourers) 2
Cesspool Service and Sewage mobile squad	-	4

PUBLIC HEALTH ACT, 1936.

Water Supplies

During the year 97 samples were taken, 77 being taken from public sources and 20 from private wells etc.

Of the 97 samples submitted for bacteriological examination 20 samples were of untreated water, i.e. wells.

The results of all bacteriological samples have been grouped and the following percentages obtained:-

Note:- 1959 percentages in brackets.

	<u>Public Supplies</u>		<u>Private supplies</u>	
	<u>Piped</u>	<u>Other</u>	<u>Piped</u>	<u>Other</u>
<u>Category 1.</u>	88.3%	-	45.5%	55.6%
(Very satisfactory - No. B. coli or faecal coli)	(93.7%)	(33.3%)	(25.0%)	(55.6%)
<u>Category 2.</u>				
(Satisfactory - small B. coli count - no faecal coli)	3.9% (3.8%)	- -	- -	- (33.3%)
<u>Category 3.</u>				
(Unsatisfactory and suspicious high B. coli count, no faecal coli)	7.8% (2.5%)	- -	9.0% (50.0%)	11.1% (22.2%)

	<u>Public Supplies</u>		<u>Private Supplies</u>	
	<u>Piped</u>	<u>Wells</u>	<u>Piped</u>	<u>Wells</u>
<u>Category 4.</u>				
(Unsatisfactory and dangerous B. coli and faecal coli).	-	- (66.7%)	45.5%	33.3%

Category 5.

(Very unsatisfactory and dangerous - high counts of B. coli and faecal coli).	-	-	-	-
	-	-	-	-
	-	-	-	-

Details of water sample reports for each Parish can be found in Table (xi) of the Appendix on page 27 .

Generally speaking, the District has a high standard as regards the purity of water supplies. The main supply is now available to all Parishes in the District excepting Castle Ashby and Whiston, where the local supplies are chlorinated.

Out of 11 known public wells, only three were in use during 1960, as was so in 1959.

During the year no sample was taken for chemical analysis.

Swimming Pool.

During the season 95 samples of water from the one privately owned public swimming pool were taken for bacteriological examination. Of these 93 were satisfactory and 3 showed that faecal coli were present.

During the summer season regular visits were made to the swimming pool to check on efficiency of the break-point chlorination plant, both by taking samples of the water and by comparator tests for residual chlorine.

Caravans and Camping Sites.

During the year the Caravan Sites and Control of Development Act, 1960, came into force. Appropriate action was initiated to keep the occupiers of existing caravan sites informed as to renewed applications necessitated by the Act, which makes planning considerations of paramount importance. Later in the year the Council approved and confirmed revised regulations for camping sites to cover caravans hutment camps and other erections of this character.

A summary of the current state of caravans and camping sites can be found in Appendix Table (xii) on page 28 .

Eradication of Bed Bugs.

During the year no case of infestation was reported, as was so in 1959.

SEWERAGE AND SEWAGE DISPOSAL

Disposal Works	Full Analysis Royal Commission Standard		ANALYSES 1960 - FIELD TEST.			
	Yes	No	Very good	Good to Satisfactory	Unsatisfactory	Very Unsatisfactory
Bugbrooke and Heyford	10	1	17	7	2	-
Hartwell and Ashton	6	4	11	17	5	1
Roade	2	40	-	14	6	20
Wootton	10	-	20	14	-	-
Harpole and Kislbury	8	3	6	24	-	-
Quinton	-	1	-	4	2	5
Hackleton	6	1	15	13	-	-
Milton Malsor and Rothersthorpe	5	7	10	19	2	-
Courteenhall	6	4	8	7	3	4
Castle Ashby	-	1	-	2	-	-

HOUSING ACT, 1957.

A summary of action taken during the year is as follows:-

Number of houses on which action was commenced	29	(91)
Number of houses on which demolition orders were made	31	(32)
Number of houses on which closing orders were made	-	-
Number of houses on which proposals for reconstruction were accepted	11	(1)
Number of houses on which other proposals were accepted	4	(2)
Number of houses on which action has not been finalised	43	(63)

HOUSING ACTS, 1949 - 1954.

Number of houses for which Improvement Grant applications were made	67	(59)
---------------------------------------------------------------------	----	------

of which 4 were under Housing Act Notice.

NOTE: Figures for 1959 are shown in brackets.

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HOUSING.

A considerable amount of work has again been done during the year in the modernisation of older private houses by means of the two kinds of improvement grants, the one to provide health amenities only whilst the other assists in the more far reaching betterment of conditions.

Over a hundred of the older council houses were improved and brought up to a modern standard of health amenities during the year.

The Council's policy of building small groups of specially designed bungalows for old people has been continued, over thirty being built during the year. These bungalows are fulfilling an urgent need and are blending well with each respective village community.

RENT ACT, 1957.

No application for Certificate of Disrepair was received by the Council during the year.

MILK REGULATIONS.

Under the Milk (Special Designation) (Pasteurised and Sterilised Milk) Regulations, 1949, six supplementary licences were issued during the year, to enable firms from outside the area to retail pasteurised milk within the District, and three licences were issued for sterilised milk to be sold. Three licences were issued to traders outside the area to sell raw tuberculin tested milk in the area.

Ten licences were also issued to enable dealers whose premises are within the District to sell milk under the special designation 'Pasteurised'; two for the special designation 'Sterilised' and two for the special designation 'Tuberculin tested'.

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FOOD AND DRUGS ACT, 1955.

Knackers' Yards.

There is one licensed Knacker's Yard in the district . Inspections were carried out during the year, and conditions were found to be generally satisfactory.

Details of casualties dealt with are show in Table (vii) on page 22.

Food Premises.

The number of premises in which food is prepared and sold was 265, consisting of the following:-

Bakehouses	4
Butchers	19
Cafes	11
Factory Canteens	7
School Canteens	14
Institutional Canteens	1
Clubs	4
Confectioners	7
Fishmongers	2
Food Factories	-
Food Warehouses	1
Greengrocers	8
Grocers	73
Ice-cream sales points	65
Licensed premises	49
	<hr/>
	265
	<hr/>

Number of food premises visited	55
Number of visits made to food premises	154
Number of food premises where contraventions were found	37
Number of informal notices served in respect of contraventions reported	36
Number of premises at which contraventions were reported as remedied	19

FOOD PREMISES.

The survey of food premises has proceeded steadily, an increased amount of work having been achieved during the year. Apart from relatively fewer premises where lower standards of cleanliness obtained the overall standard was good. During the period four food premises were opened for business whilst three were closed.

Ice Cream

There are 63 premises registered for the retail storage and sale of ice cream in the District. Routine sampling of the products is carried out for bacteriological examination. No ice cream is now manufactured in the District.

During the year a total of 25 samples were submitted to the Public Health Laboratory Service and subject to the Methylene Blue Test.

<u>Grade</u>	<u>Time taken to Reduce Methylene Blue</u>	<u>No.</u>	<u>Percentage</u>
1	4½ hours or more	21	100 (100)
2	3½ hours to 4 hours	-	- -
3	½ hour to 2 hours	-	- -
4	0 hours	-	- -

(Note:- Percentages for 1959 are given in brackets)

During the year 4 samples were taken of "water ices" of which all reached a satisfactory bacteriological standard.

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MEAT INSPECTION.

The throughput at the slaughterhouses showed a decrease in the year for the first time since decontrol. This was due to the abnormal number of sheep slaughtered in 1959, 31,078 head as compared with 19,251 in 1958. This year the figure dropped to 25,619.

The following table gives comparative figures for the last five years.

<u>Year.</u>	<u>Annual Throughput</u>	<u>Percentage Increase or Decrease Over Previous Year.</u>	<u>Hours of Overtime Necessitated.</u>
1956	34,174	20	187
1957	37,939	11	211
1958	40,422	6.5	200
1959	52,440	29.5	187
1960	49,010	6.5 decrease	150

93% of the throughput was at Hardington abattoir. 100% inspection was again achieved.

Cysticercus bovis was found in 52 beasts of which 11 were subjected to refrigeration before release for sale.

Details of carcasses inspected and condemned are shown in Table (ix) on page 25 .

SLAUGHTER OF ANIMALS ACT, 1954.

The number of licences in force during the year for the slaughter of animals was 37.

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FACTORIES ACTS, 1937 - 1959.

Details of inspections made under the Factories Act, 1937, will be found in Table (x) on page 26 .

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PETROLEUM (REGULATION) ACTS, 1928 AND 1936.

The storage of petroleum is not always treated with the caution that this dangerous material requires. This is why special care is taken in examining new applications for siting and storage of petroleum spirit and petroleum mixtures.

83 licences were renewed during the year for the storage of Petroleum Spirit and Petroleum Mixtures. 3 new licences were issued. The total storage capacity of licensed premises at the end of the year was:-

(1) Petroleum Spirit	109,475 gallons
(2) Petroleum Mixtures	3,780 gallons

No licences were issued for the storage of calcium carbide.

NOTE: The storage capacity for diesel and other oils, which do not have to be licensed was 67,650 gallons.

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I would join with Dr. Lucas in thanks to Mr. Merriman and Mr. Harris for their constant willingness and assiduous attention to their public health duties and consequent welfare of the District.

I am, Ladies and Gentlemen,
Your obedient Servant,

R. J. Miller.

Chief Public Health Inspector.

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TABLE (i)

Vital Statistics for 1960 and Previous Years.

Year	Estimated Population of Northampton Rural District	Births		Deaths			
		No.	Rate	Under 1 year		All ages	
				No.	Rate	No	Rate
1940	17,880	238	13.3	8	33.61	228	12.7
1941	19,430	219	11.2	8	37.44	187	9.06
1942	17,890	230	12.6	6	26.08	180	10.06
1943	17,080	273	15.9	7	25.64	186	10.8
1944	17,760	296	16.7	16	54.05	184	10.35
1945	* 15,760	246	13.8	8	32.52	190	10.9
	+ 17,350						
1946	17,600	340	19.3	12	35.26	174	9.9
1947	17,910	355	19.8	13	36.62	202	11.2
1948	18,370	279	15.19	8	28.8	168	9.15
1949	+ 18,760	293	15.58	13	44.37	230	12.26
	* 18,810						
1950	19,320	268	13.87	6	22.39	213	11.03
1951	Census 19,710	303	15.47	9	29.70	234	11.95
1952	19,970	302	15.12	9	29.0	187	9.61
1953	20,240	318	15.7	9	28.3	231	11.3
1954	20,890	329	15.3	6	18.3	274	13.1
1955	21,930	367	16.7	7	21.9	298	13.6
1956	23,290	435	18.6	8	18.3	293	12.4
1957	24,400	488	20.0	11	22.6	332	13.6
1958	25,270	514	20.3	15	29.1	296	11.7
1959	26,180	500	19.1	12	24.0	290	11.1
1960	26,560	476	17.9	12	25.2	314	11.8

NOTE: Population figures are the Registrar General's
Mid-year estimate.

* Population for calculation of Birth Rate.

+ Population for calculation of Death Rate.

TABLE (ii)

Causes of Death - 1960.

No.	Causes of Death	Male	Female	Total
1	Tuberculosis - respiratory	-	-	-
2	Tuberculosis - other	-	-	-
3	Syphilitic disease	1	-	1
4	Diphtheria	-	-	-
5	Whooping Cough	-	-	-
6	Meningococcal infections	-	-	-
7	Acute poliomyelitis	1	-	1
8	Measles	-	-	-
9	Other infective and parasitic diseases	-	-	-
10	Malignant neoplasm, stomach	1	3	4
11	" " lungs, bronchus	15	-	15
12	" " breast	-	8	8
13	" " uterus	-	5	5
14	Other malignant and lymphatic neoplasms	10	7	17
15	Leukemia, aleukemia	-	1	1
16	Diabetes	-	-	-
17	Vascular lesions of nervous system	13	27	40
18	Coronary disease, angina	33	19	52
19	Hypertension with heart disease	4	5	9
20	Other heart diseases	23	29	52
21	Other circulatory diseases	12	12	24
22	Influenza	-	-	-
23	Pneumonia	6	11	17
24	Bronchitis	7	5	12
25	Other diseases of respiratory system	2	-	2
26	Ulcer of stomach and duodenum	-	2	2
27	Gastritis, enteritis and diarrhoea	1	2	3
28	Nephritis and nephrosis	-	1	1
29	Hyperplasia of prostate	2	-	2
30	Pregnancy, childbirth, abortion	-	-	-
31	Congenital malformations	1	1	2
32	Other defined and ill-defined diseases	16	12	28
33	Motor vehicle accidents	2	2	4
34	All other accidents	3	8	11
35	Suicide	1	-	1
36	Homicide and operations of war	-	-	-
	TOTAL, ALL CAUSES	154	160	314

TABLE (iii).

New Cases of and Deaths from Tuberculosis - 1960

Age Period	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
- 1								
- 5								
- 15	1		1	1				
- 25								
- 35								
- 45	1							
- 55	1							
- 65	1							
65 and over								
TOTALS	4		1	1				

NOTE: These figures are uncorrected.

TABLE (iv).

Age Incidence of Notifiable Diseases, 1960, as
notified by General Practitioners.

AGE GROUP	D I S E A S E													
	Scarlet Fever		Whooping Cough		Measles		Dysentery							
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0 -			3	4										
1 -	1		1	4	2	1					2	1		
3 -	4	2		4							1			
5 -	4	8	7	7		2					3	4		
10 -	2	3	1	2										
15 -		1										2		
25 and over	1										2	2		
Age unknown				1										
TOTALS:	12	14	12	24	2	3					8	9		
	Acute Pneumonia		Typhoid		Erysipelas		Food Poisoning		Respiratory		TUBERCULOSIS Meningitis and C.N.S.		Other	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
0 -		1					1	1						
5 -	4	1					1				1			1
15 -	3		1		1				2					
45 -	2	4			1	1			2					
65 and over	2	3	1		1	1								
TOTALS:	11	9	2		3	2	2	1	4		1			1

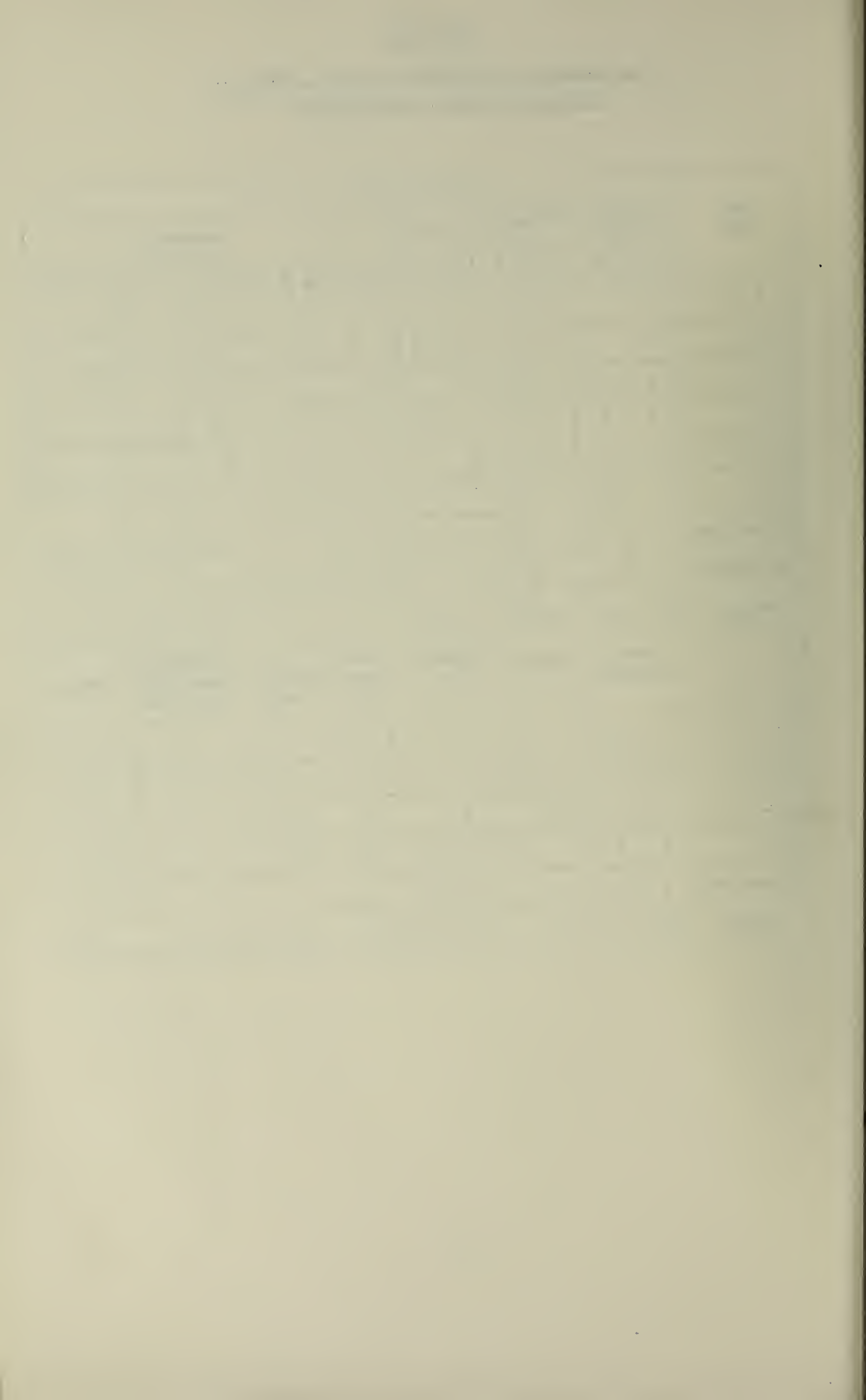


TABLE (v).

Incidence of Notifiable Diseases in Individual Parishes,
as notified by General Practitioners, 1960.

	SCARLET FEVER	WHOOPING COUGH	MEASLES	DYSENTERY		ACUTE PNEUMONIA	TYPHOID	ERYSIPELAS	FOOD POISONING	TUBERCULOSIS RESPIRATORY	TUBERCULOSIS MENINGITIS & CNS	TUBERCULOSIS OTHER	TOTAL
ASHTON													
BILLING		4								1			5
BRADFELD	1					3				2		1	7
BUGBROOKE		2				3		1					6
CASTLE ASHBY						2							2
COGENHOE	6					1		2					9
COLLINGTREE													
COURTEENHALL													
DENTON						3							3
DUSTON	2	12					2						16
EACKLETON				1		1							2
HARDINGSTONE		6		1				1					8
HARPOLE	2							1					3
HARTWELL													
HEYFORD, NETHER			1			4					1		6
HEYFORD, UPPER													
HOUGHTON, GREAT	1			1									2
HOUGHTON, LITTLE						1							1
ISLINGBURY	1												1
KILTON WALSOR	2		1										3
KINTON													
KIRKBY		1											1
KOTHERSTHORPE									1				1
KRATON		2											2
KRATON FAVELL	8	7	3	13		1			1	1			34
KRATON	3			1		1			1				6
KRATON HASTINGS													
TOTALS:	26	34	5	17		20	2	5	3	4	1	1	118

TABLE (vi).

Monthly Incidence of Notifiable Diseases, 1960, as
notified by General Practitioners.

DISEASE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
Scarlet Fever	5	6	2		2	6	3			1	1		26
Whooping Cough	1	1			3	2	8	5	3	1	1	9	34
Measles	1				1			2			1		5
Dysentery	1		1	3	5						7		17
Acute Pneumonia	2	3	4	4	1	2	2			1	1		20
Diphtheria										2			2
Erysipelas		4	1										5
Food Poisoning			1					1				1	3
Tuberculosis Respiratory		2		1		1							4
Tuberculosis Meningitis and C.N.S.							1						1
Tuberculosis other					1								1
TOTALS	10	16	9	8	13	11	14	8	3	5	11	10	118

TABLE (vii).

CASUALTIES DEALT WITH AT THE KNACKER'S YARD DURING, 1960.

Cattle	1,879
Ewes	2,098
Sheep	7,498
Pigs	163
Goats	10
Donkeys	1
Horses - Slaughtered at Knacker's Yard	Nil
Slaughtered at various farms	45
Carcases received ex farms	89
	<hr/>
	11,783
	<hr/>

TABLE (viii).

SUMMARY OF INSPECTIONS AND VISITS

MADE DURING 1960.

By the Public Health Inspectors.

1. PUBLIC HEALTH ACT, 1936.

(a) Infectious Diseases.

(i) Investigating Cases	21
(ii) Performing Disinfections	-
(iii) Visits to Contacts	-

(b) Disinfestations.

(i) Dwelling Houses	-
(ii) Business Premises	-
(iii) Others	-
(iv) Visits to Premises under Section 83	-

(c) Drainage.

(i) Drains Tested	-
(ii) Drains Repaired	-
(iii) Drains reported blocked	-
(iv) Drains Reconstructed	-
(v) Other drainage visits	41

(d) Water Supply.

(i) Water Samples submitted for analysis	
(a) Chemical - piped	
- wells and springs	
(b) Bacteriological - piped	81
- wells and springs	16
- swimming pools	98
(ii) Water Supply	26

(e) Visits for Inspection of:-

(i) Tents, Vans and Sheds	196
(ii) Offensive trades	-
(iii) Canal boats	-
(iv) Air pollution	-
(v) Swimming baths	53
(vi) Keeping animals	10
(vii) Accumulations of refuse	1
(viii) Miscellaneous nuisances	39

/continued

TABLE (viii)(continued).

2. HOUSING ACTS, 1936 AND 1957.

(a) Houses inspected	202
(b) Houses where defects found	-
(c) Defective houses repaired	-
(d) Overcrowding in houses	-
(e) Miscellaneous visits	49

3. FOOD AND DRUGS ACT, 1955.

Dairies, Milkshops	1
Slaughterhouses	1,717
Knackers Yards	1
Ice Cream Premises	2
Other premises to which Sections 13 and 14 apply	151
Bacteriological samples taken	
(i) Milk	10
(ii) Ice Cream	25
(iii) Other foods	-
(iv) Food Poisoning	2

4. FACTORIES ACT, 1937.

Inspections of:-

(i) Factories with Mechanical Power	23
(ii) Factories without Mechanical Power	3
(iii) Bakehouses	-
(iv) Other premises	-

5. INSPECTIONS UNDER OTHER ACTS.

(a) Prevention of Damage by Pests Act, 1949.	41
(b) Petroleum (Regulation) Acts, 1928 and 1936.	29
(c) Miscellaneous Acts. Regulations and Orders	167

TOTAL INSPECTIONS AND VISITS	2,423
------------------------------	-------

TABLE (ix).

MEAT AND FOOD INSPECTION.

During the year 1960, the following foodstuffs were dealt with:-

SURRENDERED

	Tons	Cwt.	Qr.	Lbs.	
Home killed beef	-	16	3	14	Diseased condition.
Home killed veal	-	-	-	-	Diseased condition.
Home killed mutton	-	2	3	5	Diseased condition.
Home killed pork	1	7	1	-	Diseased condition.
Home killed offal	33	14	3	-	Diseased condition.
Imported beef	-	-	-	8	Decomposition.
Imported mutton	-	-	-	25	Black mould.
Imported offal	-	1	1	24	Decomposition.
Imported Ham	-	1	-	7	Decomposition, and blown.
Home killed poultry	-	1	-	10	Decomposition.
Meat products	-	-	-	11	Decomposition.
	36	5	2	20	

In addition 19 tins fruit were inspected and condemned during the year.

During the period 49,010 head of livestock were slaughtered, (9,961 cattle; 358 cows; 417 calves; 25,619 sheep and 12,655 pigs).

MEAT INSPECTION REPORT.CARCASES INSPECTED AND CONDEMNED DURING 1960.

	Cattle Excluding cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	9961	358	417	25619	12655
Number inspected	9961	358	417	25619	12655
<u>All diseases except Tuberculosis & Cysticerci</u>					
Whole carcasses condemned	-	-	-	3	4
Carcases of which some part or organ was condemned	4286	179	1	121	2466
Percentage of number inspected affected with disease other than tuberculosis and cysticerci	43.0	50.0	0.24	0.48	19.1
<u>Tuberculosis only</u>					
Whole carcass condemned	-	-	-	-	1
Carcases of which some part or organ was condemned	234	1	-	-	233
Percentage of the number inspected affected with tuberculosis	2.3	0.28	0.0	0.0	1.8
<u>Cysticercosis</u>					
Carcases of which some part or organ was condemned	52	-	-	-	-
Carcases submitted to treatment by refrigeration	11	-	-	-	-

TABLE (x).

Factories Act, 1937 - Part I.

1. Inspections for purposes of provisions as to health made by Public Health Inspector.

<u>PREMISES</u>	<u>No. on Register</u>	<u>No. of Inspections</u>	<u>No. of written notices</u>	<u>No. of Occupiers Prosecuted</u>
(1) Factories in which Sections, 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	16	3	-	-
(2) Factories not included in (1) in which Section 7 is enforced by the L.A.	69	23	-	-
(3) Other premises in which Section 7 is enforced by the L.A. (excluding outworkers premises).	12	-	-	-
	97	26	-	-

2. Cases in which DEFECTS were found:- Nil.

Part VIII, Factories Act, 1937.
Outwork, (Sections 110 & 111).

<u>Nature of works</u>	<u>No. of outworkers in list required by Section 110 (1) (c).</u>	<u>No. of cases of default in sending lists to the Council</u>	<u>No. of prosecutions for failure to supply lists.</u>	<u>No. of instances of work in unwholesome premises</u>
Clothing Manufacture	3	-	-	-
Shoe Manufacture	-	-	-	-
TOTAL:	3	-	-	-

TABLE (xi).

Water SupplyBacteriological Examination of Water Supplies, 1960.

PARISH	Public Supplies										Private Supplies									
	Piped					Other					Piped					Other				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
ASHTON	2																			
BILLING	4																			
BRAFIELD	2																			
BUGEROOKE	2																			
CASTLE ASHBY	2																			
COGNHOE	3	1	1													3				
COLLINGTON	2																			
COURTEENHALL	2																			
DENTON	2																			
DUSTON	4		1																	
HACKLETON	4													3						
HARDINGSTONE	3		1																	
HARPOLE	2																			
HARTWELL	2																			
HEYFORD, NETHER	2																			
HEYFORD, UPPER	2																			
HOUGHTON, GREAT	2																	1		
HOUGHTON, LITTLE	3	1									3		1	1		2		1		
KISLINGBURY	2																			
MILTON MALSOR	2																			
QUINTON	2																			
ROADE	4													1						
ROTHERSTHORPE	2																			
UPTON	2																			
WESTON FAVELL	5	1																		1
WOOTTON	2		3								2							1		
YARDLEY HASTINGS	2																			
TOTALS	97	68	3	6	-	-	-	-	-	-	5	-	1	5	-	5	-	3	1	-

TABLE (xii).

Public Health Act, 1936.

Tents, Vans, Sheds and Similar Structures.

Licensing of Land

Licensing of Moveable
Dwellings

	Applications approved in 1960	Existing licences	Applications approved in 1960	Existing licences
ASHTON				
BILLING		2		
BRAFIELD				
BUGBROOKE		1		
CASTLE ASHBY				
COGENHOE	1	2		
COLLINGTREE				
COURTEENHALL				
DENTON				
DUSTON		2	2	
HACKLETON		1	2	
HARDINGSTONE				
HARPOLE			1	
HARTWELL				
HEYFORD, NETHER				
HEYFORD, UPPER				
HOUGHTON, GREAT				
HOUGHTON, LITTLE				
KISLINGBURY			1	
MILTON MALSOR				
QUINTON				
ROADE				
ROTHERSTHORPE			1	
UPTON				
WESTON FAVELL		1		
WOOTTON				
YARDLEY HASTINGS				
Totals:	1	9	7	-

FOOD POISONING RETURN 1958.

REFERENCE Memo 188. MED.

Ministry of Health Appendix D (1)

Year 19601. Local Authority

Northampton Rural District Council.

2. (a) Food Poisoning Notifications (corrected) as returned to Registrar General.

<u>First Quarter</u>	<u>Second Quarter</u>	<u>Third Quarter</u>	<u>Fourth Quarter</u>	<u>Total</u>
1	-	1	1	3

(b) Cases other-wise ascertained.

<u>First Quarter</u>	<u>Second Quarter</u>	<u>Third Quarter</u>	<u>Fourth Quarter</u>	<u>Total</u>
-	-	-	-	Nil

(c) Fatal Cases

<u>First Quarter</u>	<u>Second Quarter</u>	<u>Third Quarter</u>	<u>Fourth Quarter</u>	<u>Total</u>
-	-	-	-	Nil

3. Particulars of Outbreaks

Details of each to be given as in Appendix D (11)

	<u>No. of Outbreaks</u>		<u>No. of Cases</u>	
	<u>Family Outbreaks</u>	<u>Other Outbreaks</u>	<u>Notified</u>	<u>Otherwise Ascertained</u>
Agent Identified *	-	-	-	-
Agent not Identified	-	-	-	-

4. Single CasesNo. of Cases

	<u>Notified</u>	<u>Otherwise Ascertained</u>	<u>Total No. of Cases.</u>
Agent Identified *	1 Salmonella Heidelberg	-	1
Agent not Identified	2	-	2

* to be classified according to agents.

- (a) Chemical poisons (type to be stated).
- (b) Salmonella (type to be stated).
- (c) Staphylococci (including toxin).
- (d) Cl. botulinum.
- (e) Cl. welchii
- (f) Other bacteria (to be named).

5. Salmonella Infections, not Food Borne - Nil.

REFUSE COLLECTION AND DISPOSAL - YEAR ENDING 31ST MARCH, 1961.

COLLECTION		DISPOSAL				
Total Est. Weight Tons	Total Mileage Travelled	CLAYTON Tons	ASHTON Tons	HARPOLE Tons	DENTON Tons	YARDLEY HASTINGS Tons
632	2,346	427	7	119	62	17
627	2,211	427	19	118	49	14
798	2,947	561	16	140	67	14
626	2,546	553	-	-	61	12
731	3,099	656	-	-	57	18
612	2,633	538	-	-	58	16
583	2,602	579	-	-	53	11
748	3,450	661	-	-	84	3
499	2,372	456	-	-	31	12
618	2,389	548	-	-	58	12
470	2,194	464	-	-	4	2
667	3,002	617	-	-	41	9
7,611	31,951	6,427	42	377	625	140
		84.4	0.5	5.0	8.3	1.8

TOTALS:

% per tip

1960

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

JANUARY

FEBRUARY

MARCH

1961

Table (xv).
Schedule of Sanitation within the District.

	Population - Estimated - mid-year 1960.	Total number of houses in Parish - figures as at 31st March, 1961.	DRAINAGE AND SEWERAGE						REMARKS			
			House Drains discharging to			Houses with			Is an adequate system of Sewerage and Sewage Disposal provided		Date of Completion of Scheme	Scheme in preparation; awaiting approval, starting date, etc.
			Sewers	Cesspool or Septic tanks	Road Drains, Ditches, etc.	W.C.'s.	Pail Closets	Privies	Sewerage	Sewage Disposal		
ASHTON	382	123	121		2	121	2		Yes	Yes	1952	
BILLING, GREAT BILLING, LITTLE)	971	332	306	10	16	316	16		Yes	Yes	1949	
BRAFELD	619	218	218			218			Yes	Yes	1952	
BUGBROOKE	1174	379	374	4	1	378	1		Yes	Yes	1952	
CASTLE ASHBY	188	69	69			69			Yes	Yes	1960	
COGENHOE) WHISTON)	774	245	234	6	5	240	5		Yes No	Yes No	1952	
COLLINGTREE	279	99	90	9		99			Yes	Yes	1955	
COURTEENHALL	126	42	16	12	14	28	14		Yes	Yes		
DENTON	426	148	139	9		148			Yes	Yes	Old	
DUSTON	4717	1571	1566	5		1571			Yes	Yes	1907	
HACKLETON) HORTON) PIDDINGTON)	950	328	145	24	159	169	159		(Part only)		1951	
									Yes	Yes	1960	
PRESTON DEANERY									No	No		
HARDINGSTONE	1523	522	516	2	4	518	4		Yes	Yes	1908	
HARPOLE	1188	405	367	10	28	377	28		Yes	Yes	1954	
HARTWELL	603	208	157	9	42	166	37	5	Yes	Yes	1952	
HEYFORD, NETHER	778	257	251	3	3	254	3		Yes	Yes	1951	
HEYFORD, UPPER	83	26	17	8	1	25	1		Yes	Yes	1951	
HOUGHTON, GREAT	325	116	63	17	36	80	36		Yes	Yes		
HOUGHTON, LITTLE	454	152	81	7	64	93	59		Yes	Yes	1920	
KISLINGBURY	833	288	282	1	5	283	5		Yes	Yes	1954	
MILTON MALSOR	634	224	224			224			Yes	Yes	Old	
QUINTON	174	54	31	15	8	42	12		Yes	Yes	1947	
ROADE	1532	495	489	6		495			Yes	Yes	1900	
ROTHERSTHORPE	235	82	43	17	22	60	22		Yes	Yes		
UPTON	292	27	20	4	3	24	3		(Part only)		Part 1947	
WESTON FAVELL	5112	1672	1669	3		1672			Yes	Yes	1908	
WOOTTON	1373	461	457	4		461			Yes	Yes	1953	
YARDLEY HASTINGS	815	291	287	4		289	2		Yes	Yes	Old	
	26560	8834	8232	189	413	8420	409	5				

VACCINATION AND IMMUNISATION STATISTICS, 1960.

By courtesy of Dr. C. H. Smith, M.D., County Medical Officer of Health.

By courtesy of Dr. C. H. Smith, M.D., County Medical Officer of Health.

SMALLPOX VACCINATION

	Under 1.	1.	2.	3.	4.	5 - 9	10 - 14	Total.	15 or over	Total.	all ages
Primary Re-vaccination	73	101	44	14	8	30	262	65			
POLIO MYELITIS VACCINATION											
Under 1.	1.	2.	3.	4.	5 - 9	10 - 14	Total.				
36	312	46	16	12	79	69	570	1561			2235
Diphtheria Immunisation only											
Combined Diphtheria/Whooping Cough											
Triple	162	22	11	2	1	2	200	24			
Total Diphtheria Immunisations	219	19	12	5	2	1	260	53			
Whooping Cough only	396	49	27	10	5	11	501	286			
Age at 31. 12. 59, i.e born in year.	8	1	-	-	-	-	9	-			
Number immunised	235	315	367	346	336	1998	1923	4290			

